Mammoth Cave National Park Western Kentucky University



# Engaging the Public in Research on Bat Behaviors

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Males weigh approximately





Females weigh approximately









#### Citizen Science

- Public and scientists collaborating together to conduct research
- Several bat acoustic projects across U.S. and at least one in Europe
- Developing new, online, National Science Foundation-funded project studying bat behaviors

### Challenges for Bat Behavior Research

- Bats are small and fly away
- Foraging happens at night
- Easy to disturb bats in a roost
- Technology glitches
- Time consuming



# How the Project Will Work

- Log onto website and create an account
- Go through short training session
- Watch videos and identify behaviors
- Discussion boards available to share interesting videos, ask questions, interact with researchers, educators, and citizen scientists
- Links to social media outlets
- QAQC performed on each season's videos
- Able to search for specific behaviors

#### Where Are We?

- Surveying researchers almost done
- Identifying behaviors next month or so
- Developing website this summer and fall
- Surveying potential participants this summer



#### Where Do We Want to Go?

- Add additional locations
- Add additional behaviors (summer roost, hibernacula)
- Translate into multiple languages



# Acknowledgements

- Funding: National Science Foundation
- Collaborators: Rick Toomey (Mammoth Cave International Center for Science and Learning, NPS & WKU), Citizen Science Alliance (Adler Planetarium), Paul Cryan (USGS), Joe Johnson (Bucknell University), Jason Mateljak (Coronado National Memorial, NPS), Tina Phillips (Cornell Lab of Ornithology), Jennifer Shirk (Cornell Lab of Ornithology), Steve Thomas (Cumberland Piedmont Network, NPS)



Award number: 1223908

# Questions? Comments? Thoughts?

Please let us know if you would like to learn more or participate in this project.

